

JG14 Rec'd PCT/PTO 21 MAY 2002

**PATENT APPLICATION**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Attn: SHAKEEL AHMED

Takashi AOKI et al.

Application No.: 10/030,822

Filed: January 16, 2002

Docket No.: 111673

For: EXPOSURE METHOD AND SYSTEM


**REQUEST FOR CORRECTED NOTIFICATION OF  
ACCEPTANCE OF APPLICATION**

Director of the U.S. Patent and Trademark Office  
Washington, D.C. 20231

Sir:

A corrected notification of acceptance is hereby requested in view of the error which appears in the original. For the convenience of the Patent and Trademark Office, attached is a photocopy of the original notification on which the error has been noted in red. A copy of PCT Transmittal Letter, the Declaration filed on January 16, 2002 and a copy of the date-stamped postcard receipt are attached hereto.

Respectfully submitted,

  
Mario A. Costantino  
Registration No. 33,365

Joel S. Armstrong  
Registration No. 36,430

MAC:JSA/cmm

Date: May 21, 2002

**OLIFF & BERRIDGE, PLC**  
**P.O. Box 19928**  
**Alexandria, Virginia 22320**  
**Telephone: (703) 836-6400**

**DEPOSIT ACCOUNT USE  
AUTHORIZATION**  
Please grant any extension  
necessary for entry;  
Charge any fee due to our  
Deposit Account No. 15-0461

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**PATENT APPLICATION**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Attn: SHAKEEL AHMED

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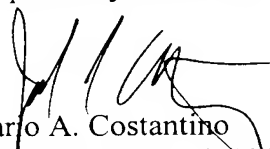
**REQUEST FOR CORRECTION OF PALM RECORDS**

Director of the U.S. Patent and Trademark Office  
Washington, D.C. 20231

Sir:

Attached is a photocopy of the original filing receipt on which errors have been corrected in red. These errors are being brought to the attention of the Patent and Trademark Office so that it may correct its records. Attached is a copy of the PCT Transmittal Letter, the Declaration filed on January 16, 2002 and a copy of the date-stamped postcard receipt. Also attached is a Supplemental Application Data Sheet correctly identifying the inventor information.

Respectfully submitted,

  
Mario A. Costantino  
Registration No. 33,565

Joel S. Armstrong  
Registration No. 36,430

MAC:JSA/cmm  
Date: May 21, 2002

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**Telephone: (703) 836-6400**

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necessary for entry;  
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**TRANSMITTAL LETTER TO THE  
UNITED STATES  
DESIGNATED/ELECTED OFFICE  
(DO/EO/US) CONCERNING A FILING  
UNDER 35 U.S.C. 371**U.S. APPLICATION NO.  
(if known, sec 37 C.F.R.1.5)INTERNATIONAL APPLICATION NO.  
PCT/JP99/03862INTERNATIONAL FILING DATE  
July 16, 1999

PRIORITY DATE CLAIMED

TITLE OF INVENTION  
EXPOSURE METHOD AND SYSTEMAPPLICANTS FOR DO/EO/US  
Takashi AOKI et al.

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☐ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☒ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☐ This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).
4. ☐ A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
5. ☐ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
  - a. ☐ is transmitted herewith (required only if not transmitted by the International Bureau).
  - b. ☐ has been transmitted by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US)
6. ☐ A translation of the International Application into English (35 U.S.C. 371(c)(2)).
7. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
  - a. ☐ are transmitted herewith (required only if not transmitted by the International Bureau).
  - b. ☐ have been transmitted by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☐ have not been made and will not be made.
8. ☐ A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventors (35 U.S.C. 371(c)(4)).
10. ☐ A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).

**Items 11. to 16. below concern other document(s) or information included:**

11. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☐ A FIRST preliminary amendment.  
☐ A SECOND or SUBSEQUENT preliminary amendment.
14. ☐ A substitute specification.
15. ☐ Entitlement to small entity status is hereby asserted.
16. ☐ Other items or information:

U.S. APPLICATION NO. (if known, see 37 C.F.R. 1.5)

INTERNATIONAL APPLICATION NO.  
PCT/JP99/03862

ATTORNEY'S DOCKET NUMBER  
111673

17. ☐ The following fees are submitted:

**Basic National fee (37 CFR 1.492(a)(1)-(5)):**

Search Report has been prepared by the EPO or JPO ....\$890.00

International preliminary examination fee paid to USPTO  
(37 CFR 1.482) .....\$710.00

No international preliminary examination fee paid to USPTO  
(37 CFR 1.482) but international search fee paid to USPTO  
(37 CFR 1.445(a)(2)) .....\$740.00

Neither international preliminary examination fee (37 CFR  
1.482) nor international search fee (37 CFR 1.445(a)(2))  
paid to USPTO .....\$1,040.00

International preliminary examination fee paid to USPTO  
(37 CFR 1.482) and all claims satisfied provisions of PCT  
Article 33(2)-(4) .....\$ 100.00

**ENTER APPROPRIATE BASIC FEE AMOUNT =**

\$

Surcharge of \$130.00 for furnishing the oath or declaration later than  
☐ 20 ☐ 30 months from the earliest claimed priority date (37 CFR  
1.492(e)).

\$

Claims	Number Filed	Number Extra	Rate
Total Claims	- 20 =		X \$ 18.00
Independent Claims	- 3 =		X \$ 84.00
Multiple dependent claim(s)(if applicable)			+ \$280.00

\$

**TOTAL OF ABOVE CALCULATIONS =**

\$

Reduction by 1/2 for filing by small entity, if applicable.

-

\$

**SUBTOTAL =**

\$

Processing fee of \$130.00 for furnishing the English translation later  
than ☐ 20 ☐ 30 month from the earliest claimed priority date (37 CFR  
1.492(f)).

+

\$

**TOTAL NATIONAL FEE =**

\$

Amount to be  
refunded

\$

Charged

\$

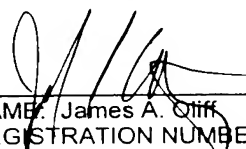
- a. ☐ Check No. \_\_\_\_\_ in the amount of \$ \_\_\_\_\_ to cover the above fees is enclosed.
- b. ☐ Please charge my Deposit Account No. \_\_\_\_\_ in the amount of \$ \_\_\_\_\_ to cover the above fees. A duplicate copy of this sheet is enclosed.
- c. ☒ The Director is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Deposit Account No. 15-0461. A duplicate copy of this sheet is enclosed.

**NOTE:** Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

OLIFF & BERRIDGE, PLC  
P.O. Box 19928  
Alexandria, Virginia 22320

Date: January 16, 2002

  
NAME: James A. Oliff  
REGISTRATION NUMBER: 27,075

NAME: Thomas J. Pardini  
REGISTRATION NUMBER: 30,411

**DECLARATION AND POWER OF ATTORNEY  
UNDER 35 USC §371(c)(4) FOR  
PCT APPLICATION FOR UNITED STATES PATENT**

As a below named inventor, I hereby declare that  
my residence, post office address and citizenship are as stated below under my name;

I verily believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought, namely the invention entitled: EXPOSURE METHOD AND SYSTEM.

described and claimed in international application number PCT/JP99/03862 filed July 16, 1999.

I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations §1.56.

Under Title 35, U.S. Code §119, the priority benefits of the following foreign application(s) filed within one year prior to my international application are hereby claimed:

The following application(s) for patent or inventor's certificate on this invention were filed in countries foreign to the United States of America either (a) more than one year prior to my international application, or (b) before the filing date of the above-named foreign priority application(s):

I hereby appoint the following as my attorneys of record with full power of substitution and revocation to prosecute this application and to transact all business in the Patent Office:

James A. Oliff, Reg. No. 17,075; William F. Berridge, Reg. No. 30,024;  
Kirk M. Hudson, Reg. No. 27,562; Thomas J. Partini, Reg. No. 30,411;  
Edward P. Walker, Reg. No. 31,450; Robert A. Miller, Reg. No. 32,771;  
Mario A. Castanino, Reg. No. 33,565; and Caroline D. Denison, Reg. No. 34,494.

ALL CORRESPONDENCE IN CONNECTION WITH THIS APPLICATION SHOULD BE SENT TO OLIFF & BERRIDGE, PLC, P.O. BOX 19928, ALEXANDRIA, VIRGINIA 22320, TELEPHONE (703) 836-6400.

I hereby declare that I have reviewed and understand the contents of this Declaration, and that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

1	<b>Typewritten Full Name of Sole or First Inventor</b>	Takashl			AOKI
2	<b>Inventor's Signature</b>	Given Name <u>Takashl</u>		Middle Initial	Family Name <u>AOKI</u>
3	<b>Date of Signature</b>	<u>January 16, 2002</u>			
	<b>Residence:</b>	<u>Kanagawa, Kanagawa</u>		City	State or Province
	<b>Citizenship:</b>	Japanese		Country	
	<b>Post Office Address: (Insert complete mailing address, including country)</b>	c/o NIKON CORPORATION, Intellectual Property Headquarters Fuji Bldg. 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-8331 Japan			

Note to Inventor: Please sign name on line 2 exactly as it appears in line 1 and insert the actual date of signing on line 3.

IF THERE IS MORE THAN ONE INVENTOR USE PAGE 2 AND PLACE AN "X" HERE ☒

(Discard this page in a sole inventor application)

1 **Typewritten Full Name of Joint Inventor** \_\_\_\_\_  
Soichi OWA  
Given Name Middle Initial Family Name  
2 **Inventor's Signature:** \_\_\_\_\_  
Signature  
3 **Date of Signature:** \_\_\_\_\_  
January 11, 2002  
Month Day Year  
Residence: \_\_\_\_\_  
Setagaya Tokyo JAPAN  
City State or Province Country  
Citizenship: Japanese  
Post Office Address: c/o NIKON CORPORATION,  
(Insert complete mailing address, including country) Intellectual Property Headquarters  
Fujii Bldg. 2-3, Marunouchi 3-chome, Chiyoda-ku  
Tokyo 100-8331 Japan

1 **Typewritten Full Name of Joint Inventor** \_\_\_\_\_  
Given Name Middle Initial Family Name  
2 **Inventor's Signature:** \_\_\_\_\_  
3 **Date of Signature:** \_\_\_\_\_  
Month Day Year  
Residence: \_\_\_\_\_  
City State or Province Country  
Citizenship: \_\_\_\_\_  
Post Office Address: \_\_\_\_\_  
(Insert complete mailing address, including country)

1 **Typewritten Full Name of Joint Inventor** \_\_\_\_\_  
Given Name Middle Initial Family Name  
2 **Inventor's Signature:** \_\_\_\_\_  
3 **Date of Signature:** \_\_\_\_\_  
Month Day Year  
Residence: \_\_\_\_\_  
City State or Province Country  
Citizenship: \_\_\_\_\_  
Post Office Address: \_\_\_\_\_  
(Insert complete mailing address, including country)

1 **Typewritten Full Name of Joint Inventor** \_\_\_\_\_  
Given Name Middle Initial Family Name  
2 **Inventor's Signature:** \_\_\_\_\_  
3 **Date of Signature:** \_\_\_\_\_  
Month Day Year  
Residence: \_\_\_\_\_  
City State or Province Country  
Citizenship: \_\_\_\_\_  
Post Office Address: \_\_\_\_\_  
(Insert complete mailing address, including country)

**Note to Inventor:** Please sign name on line 2 exactly as it appears in line 1 and insert the actual date of signing on line 3.

This form may be executed only when attached to the first page of the Declaration and Power of Attorney of the application to which it pertains.

**PTO RECEIPT FOR FILING OF PAPERS**

The following papers have been filed:

PCT Trans. Ltr., Declaration

**Name of Applicant:** Takashi AOKI et al.

**Serial No.:** U.S. National Stage of PCT/JP99/03862

**Atty. File No.:** 111673

**Title (New Cases):**

**Sender's Initials:** JAO/cmm

167/41

**PATENT OFFICE DATE STAMP**



**COPY TO BE STAMPED BY PATENT OFFICE  
AND RETURNED BY MESSENGER**



UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents, Box 301  
 United States Patent and Trademark Office  
 Washington, D.C. 20503  
 www.uspto.gov

CMM

U.S. APPLICATION NUMBER NO	FIRST NAMED APPLICANT	ATTY. LOCKET NO
10/030,822	Takashi Aoki	111673

INTERNATIONAL APPLICATION NO
------------------------------

PCT/JP99/03862

1A FILING DATE	PRIORITY DATE
----------------	---------------

07/16/1999

Oliff & Berridge  
 PO Box 19928  
 Alexandria, VA 22320

MAY 16 2002

CONFIRMATION NO. 2396

371 ACCEPTANCE LETTER



\*OC000000008048827\*

Date Mailed: 05/10/2002

### NOTICE OF ACCEPTANCE OF APPLICATION UNDER 35 U.S.C 371 AND 37 CFR 1.494 OR 1.495

The applicant is hereby advised that the United States Patent and Trademark Office in its capacity as an Elected Office (37 CFR 1.495), has determined that the above identified international application has met the requirements of 35 U.S.C. 371, and is ACCEPTED for national patentability examination in the United States Patent and Trademark Office.

The United States Application Number assigned to the application is shown above and the relevant dates are:

01/16/2002  
~~04/10/2002~~

01/16/2002  
~~04/10/2002~~

DATE OF RECEIPT OF 35 U.S.C. 371(c)(1), (c)(2) and  
 (c)(4) REQUIREMENTS

DATE OF RECEIPT OF ALL 35 U.S.C.  
 REQUIREMENTS

A Filing Receipt (PTO-103X) will be issued for the present application in due course. **THE DATE APPEARING ON THE FILING RECEIPT AS THE " FILING DATE" IS THE DATE ON WHICH THE LAST OF THE 35 U.S.C. 371 REQUIREMENTS HAS BEEN RECEIVED IN THE OFFICE. THIS DATE IS SHOWN ABOVE.** *The filing date of the above identified application is the international filing date of the international application (Article 11(3) and 35 U.S.C. 363).* Once the Filing Receipt has been received, send all correspondence to the Group Art Unit designated thereon.

The following items have been received:

- U.S. Basic National Fee
- Copy of IPE Report
- Copy of references cited in ISR
- Copy of the International Application
- Copy of the International Search Report
- Information Disclosure Statements
- Oath or Declaration
- Preliminary Amendments
- Request for Immediate Examination

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## UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov

APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLAIMS	IND CLAIMS
10/030,822	04/10/2002 01/16/2002	2812	1602	111673	8	29	8

CONFIRMATION NO. 2396

Oloff & Berridge  
PO Box 19928  
Alexandria, VA 22320

MAY 16 2002

## FILING RECEIPT



\*OC000000008048826\*

Date Mailed: 05/10/2002

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Filing Receipt Corrections, facsimile number 703-746-9195. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

## Applicant(s)

*Kawasaki*  
Takashi Aoki, ~~Kanagawa~~, JAPAN;  
Soichi Owa, ~~Tokyo~~, JAPAN;

*Setagaya*

## Domestic Priority data as claimed by applicant

THIS APPLICATION IS A 371 OF PCT/JP99/03862 07/16/1999

## Foreign Applications

Projected Publication Date: Not Applicable, filed prior to November 29,2000

Non-Publication Request: No

Early Publication Request: No

## Title

Exposure method and system

## Preliminary Class

438

**Inventor Information**

Inventor One Given Name:: Takashi  
Family Name:: AOKI  
Name Suffix::  
City of Residence:: Kawasaki  
State or Prov. of Residence::  
Country of Residence:: Japan  
Citizenship Country:: Japan  
Inventor Two Given Name:: Soichi  
Family Name:: OWA  
Name Suffix::  
City of Residence:: Setagaya  
State or Prov. of Residence::  
Country of Residence:: Japan  
Citizenship Country:: Japan

**Correspondence Information**

Correspondence Customer Number:: 25944

**Application Information**

Title Line One:: EXPOSURE METHOD AND SYSTEM  
Total Drawing Sheets:: 8  
Docket Number:: 111673

**Continuity Information**

>This application is a:: 371 of  
Application One:: PCT/JP99/03862  
Filing Date:: July 16, 1999

**Assignee Information**

Name of assignee:: NIKON CORPORATION  
Assignee Address Line One:: Fuji Bldg., 2-3, Marunouchi 3-chome  
Assignee Address Line Two:: Chiyoda-ku  
City:: Tokyo  
Country:: Japan  
Postal or Zip Code:: 100-8331